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08/26/2016

ECE's Dr. Sanghamitra Roy Listed Among '125 People of Impact'

NEWS RELEASE – Aug 26, 2016 – A Utah State University associate professor of electrical and computer engineering has been named among the most influential alumni to graduate from the University of Wisconsin-Madison.



[Dr. Sanghamitra Roy](#) is being named one of UW-Madison Electrical and Computer Engineering Department's '125

People of Impact' in recognition of her ongoing success in academia and research. The school's Department of Electrical and Computer Engineering made the announcement last month as part of its upcoming 125th anniversary celebration.

Roy and other alumni will be recognized for their contributions to the [department](#), the university and industry. Roy is a leader in the field of computer engineering. She specializes in VLSI circuit design and optimization, and in cross-layer, circuit-architectural techniques for designing secure, energy efficient and reliable many-core hardware platforms.

She received a PhD in electrical and computer engineering from the University of Wisconsin-Madison. Her doctoral research was sponsored by Intel Strategic CAD labs and the National Science Foundation. She earned an MS degree in computer engineering from Northwestern University and an undergraduate degree in electrical engineering from Jadavpur University in India.

Roy is an accomplished engineer and researcher. She co-directs the [USU Bridge Lab](#) with Dr. Koushik Chakraborty. She has published over 55 peer-reviewed publications in top-tier journals and holds six U.S. patents. Roy has received numerous research grants, including the prestigious NSF CAREER Award in 2013. She is a member of the Society of Women Engineers, the Association of Computing Machinery and is a senior member of the IEEE.

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